

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/003237

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G01N 27/327

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G01N 27/327, G01N 27/00, G01N 21/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/02839 A1 (NOVARTIS AG) 11 January 2001 see the whole document	1, 10, 11
A	WO 97/25613 A1 (ENGELHARD SENSOR TECH. INC.) 17 July 1997 see page 30; lines 16-34 and Fig. 12	1, 10, 11
A	US 6316283 B1 (ASULAB SA) 13 November 2001 see the whole document	1, 10, 11
A	JP 62197765 A (MITSUBISHI CHEM. IND. LTD.) 01 October 1987 see the abstract	1, 10, 11
A	JP 01308962 A (KONICA CORP.) 13 December 1989 see the abstract	1, 10, 11

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

15 APRIL 2005 (15.04.2005)

Date of mailing of the international search report

18 APRIL 2005 (18.04.2005)

Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/003237

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 01/02839 A1	2001. 1.11.	GB 9915703 A0 US 6771376 BB AU 200058243 A5 EP 1192448 A1 CN 1369059 T JP 15503732 T2	1999. 9. 8. 2004. 8. 3. 2001. 1.22. 2002. 4. 3. 2002. 9.11. 2003. 1.28.
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JP 62197765 A	1987. 9. 1.	DE 3704854 A1 FR 2598330 B1 GB 2188642 B2 US 4828720 A	1987. 8.27. 1990.10.19. 1990. 2.14. 1989. 5. 9.
JP 01308962 A	1989.12.13.	NONE	